

IN THE CLAIMS

1. (currently amended) An interference reducing circuit comprising:

receiving means for tuning and demodulating a reception signal of a frequency bandwidth of a channel having an interference signal, said interference signal being mixed in said frequency bandwidth of said channel and having a high highest peak level in said frequency bandwidth;

phase locking means having a locking range and a capturing range for attaining phase locking to only a frequency portion of said frequency bandwidth of said channel which includes said interference signal having the highest peak level in the locking range and such that other frequency portions of said frequency bandwidth are out of the capturing range~~phase locking is not attained to another portion of said frequency bandwidth of said channel;~~

level adjusting means for adjusting a level of a phase-locked signal that is output from the phase locking means to be equal to a level of said interference signal; and

subtracting means for subtracting the level-adjusted, phase-locked signal from the reception signal from said receiving means.

Claims 2-3 (canceled)

4. (previously presented) The interference reducing circuit according to claim 1, wherein the interference signal has an amplitude-modulated or frequency-modulated carrier, and wherein a loop characteristic of the phase locking means is set so as to follow said amplitude-modulated carrier or said frequency-modulated carrier.

5. (currently amended) A TV broadcasting receiver comprising:

receiving means for tuning a transmitted broadcast signal of a frequency bandwidth of a channel with an interference signal having a carrier frequency of a highest peak level, said interference signal mixed in said frequency bandwidth of said channel;

a signal processing circuit for demodulating and outputting digital information of a video or audio of said transmitted broadcast signal;

phase locking means having a locking range and a capturing range for attaining phase locking to only a frequency portion of said frequency bandwidth of said channel which includes said interference signal of said highest peak level output from the signal processing circuit in the locking range and such that other frequency portions of said frequency bandwidth are out of the capturing range~~phase locking is not attained to another portion of said frequency bandwidth of said channel;~~

level adjusting means for adjusting a level of a phase-locked signal output from the phase locking means so as to become equal to a level of said interference signal; and

subtracting means for subtracting the level-adjusted phase-locked signal by the level adjusting means from the video or audio of the transmitted broadcast signal.

6. (previously presented) The TV receiver according to claim 5, wherein said carrier signal is a video carrier signal or an audio subcarrier signal of another analog TV reception signal that is set in the same channel as the broadcast signal.

Claims 7-8(canceled)